LIGHT DIFFUSION POLARIZING PLATE

Publication number: JP2000075135

Publication date:

2000-03-14

Inventor:

KOBAYASHI SHIGEO; TAKAHASHI YASUSHI: SHODA

TAKAMORI

Applicant:

NITTO DENKO CORP

Classification:

- international;

B32B7/02; G02B5/02; G02B5/30; G02F1/1335;

B32B7/02; G02B5/02; G02B5/30; G02F1/13; (IPC1-7);

G02B5/30; B32B7/02; G02B5/02; G02F1/1335

- European:

Application number: JP19980264001 19980901 Priority number(s): JP19980264001 19980901

Report a data error here

Abstract of JP2000075135

PROBLEM TO BE SOLVED: To obtain a polarizing plate which allows the formation of a liquid crystal display device making it possible to lower bulk in spite of omission of a light diffusion sheet and substantially preventing the generation of interference fringes in spite of control of the optical path via a condenser sheet, does not damage the device in site of the arrangement thereof on the condenser sheet and does give rise to a sticking problem. SOLUTION: This light diffusion polarizing plate has light diffusion layers 1 of a surface fine rugged structure formed in tight contact with the one or both surfaces of the polarizing plate 2 and has a cloud value of >=60%. The cloud value of the case the surface is smoothed by embedding the surface fine rugged structure described above by a transparent polymer is 40 to 60%. As a result, the display device of good visibility which is of a thin type and substantially prevents the generation of the interference fringes may be formed. The light diffusion layer preferably consists of a UV curing resin layer contg. particulates.



Data supplied from the esp@cenet database - Worldwide